

January 7, 2013

Mr. Don Greeley  
City of Durham  
Department of Water Management  
1600 Mist Lake Drive  
Durham, North Carolina 27704


Re: ANITA Mox Recommendation  
H&S Job No. 30751-007

Dear Mr. Greeley:

Hazen and Sawyer, P.C. is under contract with the City of Durham to design various improvements to the South Durham Water Reclamation Facility (SDWRF) to enhance treatment and improve effluent water quality. The recommended improvements for the SDWRF are described within the 2011 Master Plan. A critical element of the recommended improvements is the treatment of sidestreams to reduce nitrogen loading through the main treatment system. The 2011 Master Plan provides a detailed analysis and evaluation of several Sidestream Treatment alternatives. Based on our analysis of currently available technologies, we concluded that the ANITA™ Mox system provides the most technically feasible and economically viable treatment option for sidestream nitrogen control at the SDWRF.

Based on the recommendations of the 2011 Master Plan and working in conjunction with Hazen and Sawyer, P.C. and the City of Durham, Kruger Inc. has prepared the following documentation regarding the direct purchase of the ANITA™ Mox equipment: Scope of Supply for the South Durham Water Treatment Facility Located in Durham, North Carolina for ANITA™ MOX Moving Bed Biofilm Reactor System dated December 05, 2012 and CONTRACT FOR the sale of an ANITA Mox MBBR system for the South Durham WTF. The documentation is in accordance with the design concept currently in development by Hazen and Sawyer, P.C. and we recommend that the City of Durham proceed with the approval and purchase of this equipment.

Very truly yours,  
**HAZEN AND SAWYER, P.C.**



Art Riddick, P.E.  
Associate

cc: Jerry Morrone – DWM  
Simon Lobdell – DWM  
Ron Taylor – Hazen and Sawyer